

Claims

1. A method for write-disabling a storage device, said storage device having a storage medium and a firmware, said storage device connected to a processing device writing and reading data from said storage medium, said method comprising steps of:
 - (a) storing a first parameter in said storage medium;
 - (b) receiving said first parameter from said storage medium by said firmware when said firmware receives a write command from said processing device; and
 - (c) refusing to execute said write command by said firmware when said first parameter equals a predetermined disable parameter.
2. The method of claim 1, wherein said storage medium further comprises a first memory and a second memory, and said first parameter is stored in said first memory.
3. The method of claim 2, wherein said first memory is a flash memory, and said second memory is an SRAM.
4. The method of claim 2, wherein said first parameter is included in a message encoded in accordance with Advanced Technology Attachment Programming Interface (ATAPI).
5. The method of claim 4, wherein said first parameter is stored in said first memory via said second memory.

6. The method of claim 4, wherein said firmware comprises an updating program, said step (a) comprises steps for storing a first parameter in said first memory, and said steps comprise:
 - (d) receiving said message by said firmware;
 - (e) copying said updating program to said second memory;
 - (f) executing said updating program in said second memory for storing said first parameter in said first memory; and
 - (g) resetting in said first memory.
7. The method of claim 1, wherein said predetermined disable parameter complies with ATAPI.
8. The method of claim 7, wherein said predetermined disable parameter is defined by a code for disabling a write function.
9. The method of claim 1, wherein said processing device is a personal computer.
10. The method of claim 1, wherein said storage device is a disc read/write device.
11. The method of claim 10, wherein said disc read/write device is a CD-RW.
12. The method of claim 10, wherein said disc read/write device is a DVD-RW.